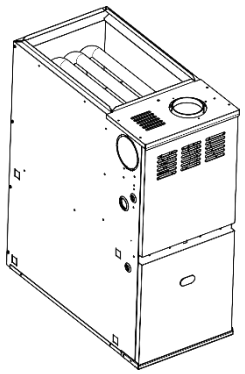
Submittal

Upflow / Downflow / Horizontal Left/Right
One Stage Non-condensing
Gas Fired Furnace
60,000 BTUH

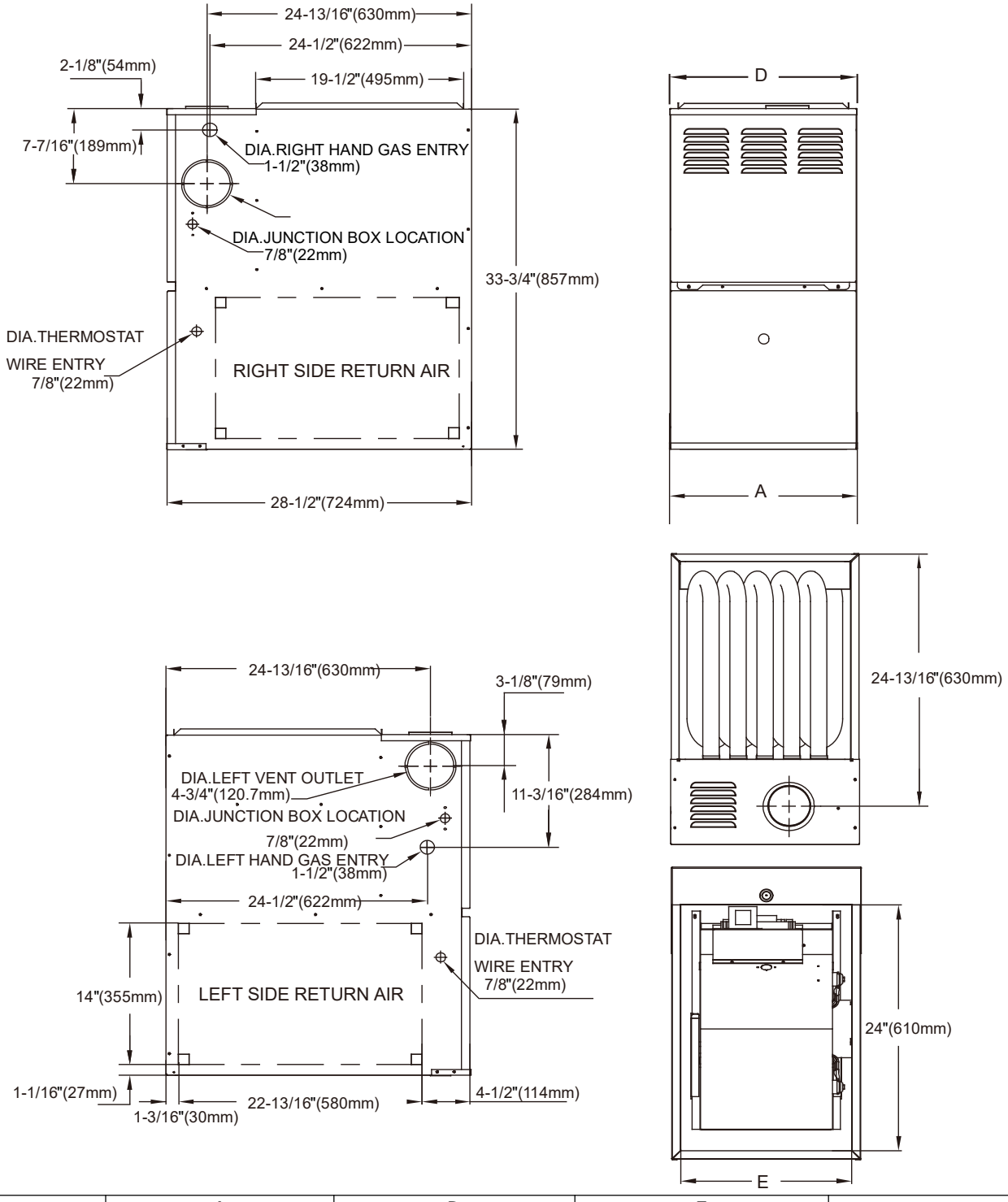
Upflow, Downflow, Horizontal Right/Left

A801X060AM3SDB



Note: *Graphics in this document are for representation only. Actual model may differ in appearance.*

Outline Drawings



FURNACE SIZE	A CABINET WIDTH IN.	D SUPPLY AIR WIDTH IN.	E RETURN AIR WIDTH IN.	SHIP WT (lbs)
060	14.5	13	15-57/32	119

Product Specifications

MODEL	A801X060AM3SDB
Type	Upflow / Horizontal / Downflow
RATINGS [a]	
Input BTUH	60,000
Capacity BTUH (ICS) [b]	48000
Temp. Rise (Min. - Max.) °F	25-55
AFUE - Rating[b]	80
Return Air Temp. (Min. - Max.) °F	60℉ (16℃)-80℉ (29℃)
BLOWER DRIVE	ECM
Diameter - Width (in.)	10*6
No. Used	1
Speeds (No.)	5
CFM vs. in. w.g.	See airflow table
Motor HP	1/2
R.P.M.	1050
Volts / Ph / Hz	115/1/60
FLA	8
COMBUSTION FAN - Type	Shaded Pole Motor
Drive - No. Speeds	1
Motor RPM	3170
Volts/Ph/Hz	115/1/60
FLA	1.70
Inducer Orifice Size	4.72"
FILTER - Furnished?	No
Type Recommended	High Velocity
Hi Vel. (No.-Size-Thk.)	Side Return：16X25 (406X635) Bottom Return：14X25 (356X635)

MODEL	A801X060AM3SDB
VENT PIPE DIAMETER - Min. (in.)	2
HEAT EXCHANGER - Type	Stainless Steel Heat Exchanger
Gauge (Fired)	9
ORIFICES - Main	
Nat. Gas Qty. - Drill Size	45
L.P. Gas Qty. - Drill Size	55
GAS VALVE [c]	Single Stage
PILOT SAFETY DEVICE - Type	120V Silicon Nitride Igniter
BURNERS - QTY	3
POWER CONN. - V/Ph/HZ	115/1/60Hz
Ampacity (Amps)	8.0
Max. Overcurrent Protection (Amps)	15
PIPE CONN. SIZE (IN.)	No drain pipe
DIMENSIONS	H x W x D
Uncrated (in.)	(33-3/4)x14.5x(28-1/2)
Crated (in.)	(35-1/3)x(16-3/4)x(30-7/8)"
WEIGHT	
Shipping (Lbs.)/Net (Lbs.)	108/119

(a) For U.S. Applications, above input ratings (BTUH) are up to 2,000 feet, derate 4% per 1,000 feet for elevations above 2,000 feet above sea level

(b) Based on U.S. government standard tests

(c) The A801X is a single stage furnace utilizing a two stage gas valve, the factory connection of Lo and Hi Fire tied together allows the A801X to run only in High Fire for Single Stage operation

(d) The above wiring specifications are in accordance with National Electric Code, however, installations must comply with local codes

Airflow tables

Model	Matchup IDU product capacity	Fan Speed		ESP	0	0.2	0.4	0.6	0.8	1	1.2
A801X060AM3SDB	3	H	5	[m3/h]	1953.00	1905.30	1970.20	1959.20	1942.40	1986.30	1839.70
				[SCFM]	1149.50	1121.42	1159.62	1153.15	1143.26	1169.10	1082.81
				[W]	215.00	263.20	337.20	386.70	434.10	515.70	498.90
	2.5	MH	4	[m3/h]	1698.00	1712.90	1689.10	1750.70	1681.70	1651.20	1558.80
				[SCFM]	999.41	1008.18	994.17	1030.43	989.82	971.87	917.48
				[W]	155.00	200.10	235.30	301.50	326.10	367.60	388.70
	2	MM	3	[m3/h]	1358.00	1319.50	1353.80	1328.70	1407.30	1373.80	1297.80
				[SCFM]	799.29	776.63	796.82	782.05	828.31	808.59	763.86
				[W]	67.00	113.30	153.70	185.80	246.90	284.90	314.60
	1.5	ML	2	[m3/h]	1019.00	1038.50	1056.30	1037.90	981.10	1074.60	835.20
				[SCFM]	599.76	611.24	621.72	610.89	577.46	632.49	491.58
				[W]	42.00	73.20	104.80	136.30	166.40	225.20	223.20
	1	L	1	[m3/h]	764.00	820.00	780.90	796.90	742.10	770.50	802.70
				[SCFM]	449.68	482.64	459.62	469.04	436.79	453.50	472.45
				[W]	15.00	54.00	76.80	110.90	136.90	175.70	217.20

General Features

Standard Features:

- Durable aluminized steel tubular heat
- exchanger.
- Efficient and quiet variable speed ECM, constant
- air volume control technology, stable air outlet
- with different pipe resistances
- Two-stage gas valve provides quiet, economical
- heating
- Silicon Nitride igniter designed for long igniter
- life
- Self-diagnostic control board with constant
- memory fault code history output to a triple 7-
- segment display
- Natural gas and propane (LP) convertible.
- NOx emissions above 40ng/J.
- AHRI Certified; ETL Listed

Cabinet Features:

- Designed for multi-position installation: Up flow, down flow, horizontal.
- Galvanized steel cabinet
- Industry-standard cabinet sizes for easy replacement, installation and add-on cooling.
- Convenient left or right connection for gas and electric service.
- Removable bottom for side or bottom return application.
- Coil and furnace fit flush for most installations

About Trane and American Standard Heating and Air Conditioning

Trane and American Standard create comfortable, energy efficient indoor environments for residential applications. For more information, please visit www.trane.com or www.americanstandardair.com.

Intertek

The manufacturer has a policy of continuous data improvement and it reserves the right to change design and specifications without notice. We are committed to using environmentally conscious print practices.

A801X060AM3-SUB-1A-EN (Sept 2024)

©2024